

Page 9, line 8, change "Best Mode of Carrying Out the Invention" to --Description of the Preferred Embodiments--.

Page 22, line 3, change "107" to --109--.

Page 24, line 30, change "infection" to --injection--.

Page 25, line 11, delete "the" (second occurrence only).

Page 27, line 2, change "R4," to --T4,--.

IN THE CLAIMS:

Please **AMEND** the claims as follows.

1. (ONCE AMENDED) A pressure waveform setting method for injection pressure control, comprising the steps of:

[a step of] adjusting a molding condition[s,] to generate an adjusted molding condition;

[a step of] detecting a pressure acting on a resin during an injection/dwell stage when a conforming molded article is obtained as an injection pressure waveform based on a function of time, using the adjusted molding condition; and

[a step of] setting said detected injection pressure waveform as a target injection pressure waveform for pressure feedback control in the injection/dwell stage.

4. (ONCE AMENDED) A pressure waveform setting method for injection pressure control, comprising [a step of] the steps of:

previously storing for [each] an original mold a set injection pressure waveform observed when a molded article is obtained, or an injection pressure waveform obtained by detecting a pressure acting on a resin during an injection/dwell stage as a function of time;

[a step of] invoking and displaying on a display device the injection pressure waveform of a new mold which has already

been stored when a new mold to be used for molding is similar to [such a] the original mold;

[a step of] assigning two points in the displayed injection pressure waveform;

[a step of] changing the injection pressure waveform between said two points into a straight line connecting said two points to draw a straight line, to generate a modified injection pressure waveform;

[a step of] assigning two points in the injection pressure waveform as a starting point and an end point individually;

[a step of] assigning one point between said starting and ending points [two point] to change the injection pressure waveform between said starting and end points into a curve connecting the [three] one point and the starting and ending points in a circular arc, to draw [thereby drawing] a curve, to generate the modified injection pressure waveform [and];

[a step of] reading and setting, as the set injection pressure waveform, an injection pressure for each predetermined time interval from the modified injection pressure waveform; and performing injection molding based on the set injection pressure waveform set from the modified injection pressure waveform.

5. (ONCE AMENDED) An injection molding machine for changing pressure waveform for molding an article, which is controlled by [a] at least one processor for detecting a pressure acting on a resin during an injection stage and provides feedback control of said detected pressure so that the detected pressure agrees with injection pressure waveforms stored as a function[s] of time in set injection pressure storage means, the injection molding machine having a display device comprising:

[a] storage means for storing and retaining said injection pressure waveforms[,];

[a] display control means for causing an injection pressure waveform, selected among the injection pressure waveform, selected among the injection pressure waveforms stored in said storage means, to be displayed on a screen of [a] the display device[,];

[an] injection pressure waveform changing means for assigning two points in the injection pressure waveform displayed on said display means, and changing the injection pressure waveform between said two points into a straight line connecting said two points to draw a straight line, and for assigning two points in the injection pressure waveform as a starting point and an end point individually, assigning one point between said [two point] starting and ending points, and changing the injection pressure waveform between said starting and end points into a curve connecting the [three] one point and the starting and ending points in a circular arc to draw a curve[,]; [and]

[an] injection pressure waveform setting means for reading an injection pressure for each predetermined time interval from the injection pressure waveform drawn on the screen of the display device and having at least one of the straight line and the curve, and storing [said set injection pressure waveform storage means with] the read injection pressure as set injection pressure waveform data, in the set injection pressure waveform storage means; and

injection molding means for molding the article, based on the set injection pressure waveform data set from the injection pressure waveform having at least one of the straight line and the curve.

6. (ONCE AMENDED) An injection molding machine capable of changing a pressure waveform for molding an article, which is controlled by [means of a] at least one processor for detecting a pressure acting on a resin during an injection stage and provides feedback control of said detected pressure so that the detected pressure agrees with an injection pressure waveform[s] stored as a

function[s] of time in set injection pressure storage means, the injection molding machine having a display device, and receiving an injection pressure waveform modification command, comprising:

[a] storage means for storing the pressure on the resin detected for each predetermined time interval during the injection stage[,] to obtain an actual injection pressure waveform stored in said storage means;

[a] display control means for causing [an] the actual injection pressure waveform stored in said storage means to be displayed on a screen of [a] the display device in response to [an] the injection pressure waveform modification command[,];

[an] injection pressure waveform changing means for assigning two points in the injection pressure waveform displayed on said display means[,] and changing the injection pressure waveform between said two points into a straight line connecting said two points, to draw a straight line, and for assigning two points in the injection pressure waveform as a starting point and an end point individually, assigning one point between said [two point] starting and ending points, changing the injection pressure waveform between said starting and end points into a curve connecting the [three] one point and the starting and ending points in a circular arc to draw a curve[,];

[an] injection pressure waveform setting means for reading an injection pressure for each predetermined time interval from the injection pressure waveform drawn on the screen of the display device and having at least one of the straight line and the curve, and storing [said set injection pressure waveform storage means with] the read injection pressure as set injection pressure waveform data, in the step injection pressure waveform storage means; and

injection molding means for molding the article, based on the set injection pressure waveform data set from the injection pressure waveform having at least one of the straight line and the curve.